



IFW

03500.017651.

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
	:	Examiner: Samuel A. Acquah
TETSUYA YANO, ET AL.)	
	:	Art Unit: 1711
Application No.: 10/532,136)	
	:	
Filed: April 20, 2005)	
	:	
For: NEW POLYHYDROXY-)	
ALKANOATE COPOLYMER,	:	
RESIN COMPOSITION,)	
MOLDED PRODUCT, TONER,	:	
IMAGE FORMING METHOD)	
AND IMAGE FORMING	:	
APPARATUS)	May 25, 2006

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed foreign documents and articles are also enclosed.

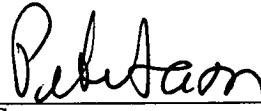
The concise explanation of relevance for the non-English documents is found in the specification where cited, in an attached abstract and/or in a corresponding U.S. patent document.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

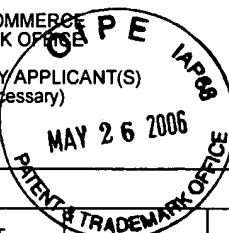
Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Peter Saxon", written over a horizontal line.

Peter Saxon
Attorney for Applicants
Registration No.: 24,947

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3800
Facsimile: (212) 218-2200

FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				ATTY DOCKET NO. 03500.017651.		APPLICATION NO. 10/532,136	
				APPLICANTS TETSUYA YANO, ET AL.			
				FILING DATE April 20, 2005		GROUP 1711	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4393167	07/1983	Holmes, et al.	525	64	
		4876331	10/1989	Y. Doi	528	361	
		5004664	04/1991	Fuller, et al.	430	106.6	
		5135859	08/1992	Witholt, et al.	435	135	
		5200332	04/1993	Yamane, et al.	435	135	
		5292860	03/1994	Shiotani, et al.	528	361	
		5334698	08/1994	Witholt, et al.	528	354	
		5667927	09/1997	Kubota, et al.	430	109	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CORRESP. TO	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	JP	59-190945	10/1984	Japan			Abstract
	JP	05-7492	01/1993	Japan	USP 5200332		Abstract
	JP	05-93049	04/1993	Japan	USP 5292860		Abstract
	JP	06-15604	03/1994	Japan	USP 4393167		Abstract
	JP	06-289644	10/1994	Japan			Abstract
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Vogel, et al.; "Acetylornithinase of Escherichia Coli:... properties"; J. Biol. Chem., Vol. 218, pp 97-106 (1956).					
		Stille, et al.; "Tetracyclic Dienes. I. The Diels-Alder... Cyclopentadiene"; J. Am. Chem. Soc., Vol. 81, pp 4273-4275 (1959).					
		Briggs, et al.; "Degredation of the Lanosterol Side-chain"; J. Chem. Soc., Perkin Trans. I; pp 806-809 (1973)					
		Fritzsche, et al.; "An unusual bacterial polyester... group"; Makromol. Chem., Vol. 191, pp 1957-1965 (1990).					
EXAMINER				DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		2003/0013841	01/2003	Imamura, et al.	528	271	02/2002
		2005/0250191	11/2005	Imamura, et al.	435	135	02/2002

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CORRESP. TO	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	JP	07-120975	05/1995	Japan	USP 5667927		Abstract
	JP	07-265065	10/1995	Japan			Abstract
	JP	07-14352	02/1995	Japan			Abstract
	JP	08-262796	10/1996	Japan			Abstract
	JP	08-19227	02/1996	Japan	USP 4876331		Abstract
	JP	09-191893	07/1997	Japan			Abstract

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)		
		Kim, et al.; "Preparation and Characterization of Polyβ-hydroxyalkanoates)... n-Alkanoic Acids"; Macromolecules, Vol. 24, pp 5256-5260 (1991).
		Antoun, et al., "Production of a Chiral Polyester... Pentadienoic Acid"; Chirality, Vol. 3, No. 6, pp. 492-494 (1991).
		Kim, et al.; "Poly(β-hydroxyalkanoate) Copolymers...oleovorans"; Macromolecules, Vol. 25, pp 1852-1857 (1992).
		Ramsay, et al.; "Effect on Nitrogen Limitation...resinovorans"; Appl. & Environ. Microbiol., Vol. 58, No. 2, pp 744-746 (1992).

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		DOCUMENT NUMBER	DATE	COUNTRY	CORRESP. TO	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	JP	09-274335	10/1997	Japan			Abstract
	JP	09-281746	10/1997	Japan			Abstract
	JP	2002-080751	03/2002	Japan			Abstract
	JP	2642937	05/1997	Japan	USP 5135859 USP 5334698		Abstract
	JP	2002-080751	03/2002	Japan			Abstract
	JP	2989175	10/1999	Japan			Abstract
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
		G. J. M. de Koning, et al.; "A biodegradable rubber... <i>oleovorans</i> "; Polymer, Vol. 35, No. 10, pp 2090-2097 (1994).					
		Ritter, et al.; "Bacterial production of polyesters... in the side chains, 1"; Macromol. Chem. Phys., Vol. 195, pp. 1665-1672 (1994).					
		Kim, et al.; "Bioengineering of poly β -hydroxyalkanoates)... substituents", Can. J. Microbiol., Vol. 41, Suppl. 1, pp. 32-43 (1995).					
		Kim, et al.; "Poly-3-hydroxyalkanoates Produced... ω -Phenoxyalkanoates"; Macromolecules, Vol. 29, pp. 3432-3435 (1996).					
		Curley, et al.; "Production of Poly(3-hydroxyalkanoates)... <i>oleovorans</i> "; Macromolecules, Vol. 29, pp 1762-1766 (1996).					
		Gross, et al.; "Cyanophenoxy-containing microbial... Biodegradability"; Polymer Intern., Vol. 39, pp 205-213 (1996).					
		Andujar, et al.; "Polyesters Produced by Pseudomonas... Groups"; Macromolecules, Vol. 30, pp. 1611-1615 (1997).					
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OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)		
		Park, et al.; "Epoxidation of Bacterial Polyesters... 10-Undecenoic Acid"; Macromolecules, Vol. 31, pp 1480-1486 (1998).
		Constantin, et al.; "Chemical modification of... sugars"; Macromol. Rapid Commun., Vol. 20, pp 91-94 (1999).
		Arostegui, et al.; "Bacterial Polyesters... groups"; Macromolecules, Vol. 32, pp 2889-2895 (1999).
		Takagi, et al., "Biosynthesis of Polyhydroxyalkanoate...putida"; Macromolecules, Vol. 32, pp 8315-8318 (1999).
		Lee, et al.; "Hydrophilic bacterial polyesters... groups"; Polymer, Vol. 41, pp 1703-1709 (2000).

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